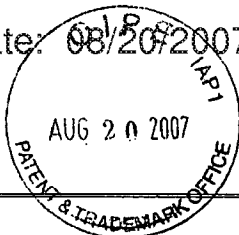


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10578043 - GAU: 1633

Attorney Docket No: 04156.0024U1

Application No.: 10/578,043

Sheet 1 of 3

INFORMATION DISCLOSURE STATEMENT LIST

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| Application Number | 10/578,043 |
| Filing Date | 11/03/2004 |
| First Named Inventor | Sandig, Volker |
| Group Art Unit | 1645 |
| Examiner Name | Unassigned |

U.S. PATENT DOCUMENTS

| Examiner's Initials | Cite No. | Document No. | Date | Name | Class | Subclass | Filing Date (if appropriate) |
|---------------------|----------|--------------|------------|-----------------|-------|----------|------------------------------|
| | A1 | 5,672,485 | 09/30/1997 | Foster et al. | | | |
| | A2 | 5,830,723 | 11/03/1998 | Foster et al. | | | |
| | A3 | 5,879,924 | 03/09/1999 | Foster et al. | | | |
| | A4 | 6,207,415 | 03/27/2001 | Foster et al. | | | |
| | A5 | 2001/0016348 | 08/23/2001 | Bouquet, et al. | | | |

FOREIGN PATENT DOCUMENTS

| Examiner's Initials | Cite No. | Foreign Patent Document Country Code-Number- Kind Code | Date | Name | Translation Yes/No |
|---------------------|----------|--|------------|----------------------------------|--------------------|
| | A6 | WO 97/08307 | 03-06-1997 | IL Dong Pharmaceutical Co., Ltd. | |

NON-PATENT DOCUMENTS

| Examiner's Initials | Cite No. | Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication) |
|---------------------|----------|--|
| | A7 | Bennett MR, Macdonald K, Chan SW, Boyle JJ, Weissberg PL. Cooperative interactions between RB and p53 regulate cell proliferation, cell senescence, and apoptosis in human vascular smooth muscle cells from atherosclerotic plaques. Circ Res. 1998 Apr 6;82(6):704-12. |
| | A8 | Boyce-Jacino et al., Multiple complex families of endogenous retroviruses are highly conserved in the genus Gallus. J. Virol 66 (8): 4919-29 (1992) |
| | A9 | Brudno, I. A. et al., "Pharaoh" line culture of Japanese quail cells as a leukosis-free system for virus reproduction. Vopr. Virusol. 97-100 (1980) - ABSTRACT |
| | A10 | Brugge, J. S., Erikson, R. L., Identification of a transformation-specific antigen induced by an avian sarcoma virus. Nature 269: 346-8 (1977) |
| | A11 | Chiocca, S. et al., Identification of a novel antiapoptotic protein, GAM-1, encoded by the CELO adenovirus. J. Virol. 71: 3168-77 (1997) |
| | A12 | Chiocca, S. et al., The complete DNA sequence and genomic organization of the avian adenovirus CELO. J. Virol. 70: 2939-49 (1996) |
| | A13 | Cowen, B. S., Braune, M. O., The propagation of avian viruses in a continuous cell line (QT35) of Japanese quail origin. Avian Dis 32 (2): 282-97 (1988) |
| | A14 | Crittenden et al., Host gene control of endogenous avian leukosis virus production. Virology 57 (1) : 128-38 (1974) |
| | A15 | Curatolo et al., Culture conditions induce the appearance of immortalized C3H mouse cell lines. In Vitro 20 : 597-601 (1984) |
| | A16 | Drexler, I. et al., Highly attenuated modified vaccinia virus Ankara replicates in baby hamster kidney cells, a potential host for virus propagation, but not in various human transformed and primary cells. J. Gen. Virol. 79 (Pt2): 347-52 (1998) |
| | A17 | Escoffier, C., Gerlier, D., Infection of chicken embryonic fibroblasts by measles virus: adaptation at the virus entry level. J. Virol. 73: 5220-4 (1999) |
| | A18 | Fallaux, F. J. et al., New helper cells and matched early region 1-deleted adenovirus vectors prevent generation of replication-competent adenoviruses. Hum. Gene Ther. 9 : 1909-17 (1998) |
| | A19 | Forsyth, N. R. et al., Telomerase and differentiation in multicellular organisms: turn it off, turn it on, and turn it off again. Differentiation 69 (4-5): 188-97 (2002) |

Examiner Signature: /Maria Leavitt/ Date Considered: 02/24/2011

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| | |
|-----|--|
| A20 | Gallegos Gallegos, R. M. et al., Rabies veterinary virus vaccine produced in BHK-21 cells grown on microcarriers in a bioreactor. Arch. Med. Res. 26: 59-63 (1995) |
| A21 | Givol I, Givol D, Rulong S, Resau J, Tsarfaty I, Hughes SH. Overexpression of human p21waf1/cip1 arrests the growth of chicken embryo fibroblasts transformed by individual oncogenes. Oncogene. 1995 Dec 21;11(12):2609-18. |
| A22 | Graham, F. L. et al., Characteristics of a human cell line transformed by DNA from human adenovirus type 5. J. Gen. Virol. 36: 59-74 (1977) |
| A23 | Guilhot, C. et al., The 12S adenoviral E1A protein immortalizes avian cells and interacts with the avian RB product. Oncogene 8 : 619-24 (1993) |
| A24 | Gumusderelioglu M. et al., Rabies virus production in non-woven polyester fabric(NWPF) packed-bed reactors. Biotechnol. Appl. Biochem. 33: 167-72 (2001) |
| A25 | Hahn, W. C. et al., Creation of human tumour cells with defined genetic elements. Nature 400: 464-8 (1999) |
| A26 | Hartl, M. et al., Molecular targets of the oncogenic transcription factor jun. Curr. Cancer Drug Targets 3: 41-55 (2003) |
| A27 | Harvey, et al., p53 alteration is a common event in the spontaneous immortalization of primary BALB/c murine embryo fibroblasts. Genes and Development 5: 2375-2385 (1991) |
| A28 | Hussain, A. I. et al., Identification and characterization of avian retroviruses in chicken embryo-derived yellow fever vaccines: investigation of transmission to vaccine recipients. J. Virol. 77 : 1105-11 (2003) |
| A29 | Jha KK, Banga S, Palejwala V, Ozer HL. SV40-Mediated immortalization. Exp Cell Res. 1998 Nov 25;245(1):1-7. |
| A30 | Johnson, J. A. , Heneine, W., Characterization of endogenous avian leukosis viruses in chicken embryonic fibroblast substrates used in production of measles and mumps vaccines. J. Virol. 75: 3605-12 (2001) |
| A31 | Kim H, You S, Kim IJ, Foster LK, Farris J, Ambady S, Ponce de León FA, Foster DN. Alterations in p53 and E2F-1 function common to immortalized chicken embryo fibroblasts. Oncogene. 2001 May 10;20(21):2671-82. |
| A32 | Lee, W. P. et al., Adenovirus type 5 E1A sensitizes hepatocellular carcinoma cells to gemcitabine. Cancer Res. 63: 6229-36 (2003) |
| A33 | Lehrmann, H. , Cotton, M. , Characterization of CELO virus proteins that modulate the pRb/E2F pathway. J. Virol. 73: 6517-25 (1999) |
| A34 | Li, P. et al., DNA-binding proteins of chick embryo lethal orphan virus: lack of complementation between early proteins of avian and human adenoviruses. J. Gen. Virol. 65 (Pt 10): 1817-25 (1984) |
| A35 | Lubiniecki, A. S. , Continuous cell substrate considerations. Bioprocess Technol. 10: 495-513 (1990) |
| A36 | Martin, G. S. , Rous sarcoma virus: a function required for the maintenance of the transformed state. Nature 227: 1021-3 (1970) |
| A37 | May, J. T. et al., A study of the sequences of chicken embryo lethal orphan (CELO) virus DNA present in a transformed hamster cell line with use of specific fragments of the virus genome. Virology 68: 483-9 (1975) |
| A38 | Merten, O. W. et al., Production of influenza virus in cell cultures for vaccine preparation. Adv. Exp. Med. Biol. 397: 141- 51 (1996) |

Examiner Signature: /Maria Leavitt/

Date Considered: 02/24/2011

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| | |
|-----|---|
| A39 | Munoz, N. et al., Epidemiologic classification of human papillomavirus types associated with cervical cancer. N. Eng. J. Med. 348(16): 518-27 (2003) |
| A40 | Pasteau S, Loiseau L, Brun G. Proliferation of chicken neuroretina cells induced by v-src, in vitro, depends on activation of the E2F transcription factor. Oncogene. 1997 Jul 3;15(1):17-28. |
| A41 | Pau, M. G. et al., The human cell line PER.C6 provides a new manufacturing system for the production of influenza vaccines. Vaccine 19: 2716-21 (2001) |
| A42 | Pay, T. W. et al., Production of rabies vaccine by an industrial scale BHK 21 suspension cell culture process. Dev. Biol. Stand 60: 171-4 (1985) |
| A43 | Pereira-Smith, Hybrids from fusion of normal human T lymphocytes with immortal human cells exhibit limited life span. J. Cell Physiol. 144: 546-9 (1990) |
| A44 | Putzer, B. M. et al., E1A is sufficient by itself to induce apoptosis independent of p53 and other adenoviral gene products. Cell Death Differ. 7: 177-88 (2000) |
| A45 | Rocchi, G., Salvadori, A. Experience with vaccination with attenuated rubella vaccine (strain HPV-77 adapted to duck cells, 5th passage) Nuovi Ann. Ig Microbiol. 21: 336-40 (1970) |
| A46 | Ronfort, C. et al., Defective retroviral endogenous RNA is efficiently transmitted by infectious particles produced on an avian retroviral vector packaging cell line. Virology 207: 271-5 (1995) |
| A47 | Shahabuddin, M. et al., No evidence of infectious retroviruses in measles virus vaccines produced in chicken embryo cell cultures. Clin. Microbiol. 39: 675-84 (2001) |
| A48 | Shaw et al. Preferential transformation of human neuronal cells by human adenoviruses and the origin of HEK 293 cells. Faseb J 16 (8): 869-71 (2002) |
| A49 | Smith et al., Replicative senescence: implications for in vivo aging and tumor suppression. Science 273: 63-67 (1996) |
| A50 | Smith, L. M. et al., Novel endogenous retroviral sequences in the chicken genome closely related to HPRS-103 (subgroup J) avian leukosis virus. J. Gen. Virol. 80 (pt1) : 261-8 (1999) |
| A51 | Tree, J. A. et al., Comparison of large-scale mammalian cell culture systems with egg culture for the production of influenza virus A vaccine strains. Vaccine 19 : 3444-50 (2001) |
| A52 | Tsang, S. X. et al., Evidence of avian leukosis virus subgroup E and endogenous avian virus in measles and mumps vaccines derived from chicken cells: investigation of transmission to vaccine recipients. J. Virol. 73: 5843-51 (1999) |
| A53 | Ulrich E, Boehmelt G, Bird A, Beug H. Immortalization of conditionally transformed chicken cells: loss of normal p53 expression is an early step that is independent of cell transformation. Genes Dev. 1992 May;6(5):876-87. |
| A54 | Wazer DE, Liu XL, Chu Q, Gao Q, Band V. Immortalization of distinct human mammary epithelial cell types by human papilloma virus 16 E6 or E7. Proc Natl Acad Sci U S A. 1995 Apr 25;92(9):3687-91. |
| A55 | Weekly Epidemiological Record of the WHO (73) 28 (1998) |
| A56 | Williams BO, Remington L, Albert DM, Mukai S, Bronson RT, Jacks T. Cooperative tumorigenic effects of germline mutations in Rb and p53. Nat Genet. 1994 Aug;7(4):480-4. |
| A57 | Witter, R. L., Induction of strong protection by vaccination with partially attenuated serotype 1 Marek's disease viruses. Avian Dis. 46: 925-37 (2002) |

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